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RCA Cunningham Radiotron

RCA-50

POWER AMPLIFIER

Filament	Coated	
Voltage	7.5	a-c or d-c volts
Current	1.25	amp.
Direct Interelectrode Capacitances:		
Grid to Plate	7.1	μμf
Grid to Filament	4.2	μμf
Plate to Filament	3.4	μμf
Maximum Overall Length		6-1/4"
Maximum Diameter		2-7/16"
Bulb		ST-19
Base		Med. 4-Pin Bay.

Pin 1-Filament
Pin 2-Plate
Pin 3-Grid
Pin 4-Filament

BOTTOM VIEW

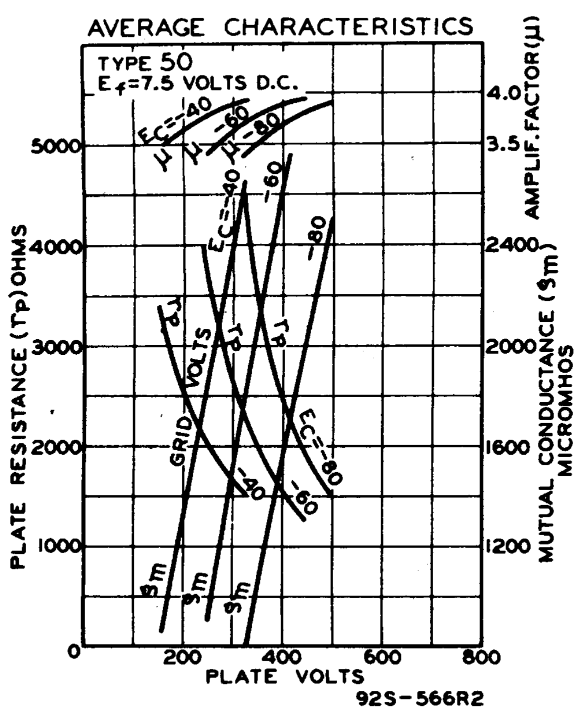
AMPLIFIER (Class A)

Operating Conditions and Characteristics:

Filament	7.5	7.5	7.5	7.5	a-c volts
Plate	300	350	400	450 max.	volts
Grid*	-54	-63	-70	-84	volts
Amp. Fact.	3.8	3.8	3.8	3.8	
Plate Res.	2000	1900	1800	1800	ohms
Mut. Cond.	1900	2000	2100	2100	μmhos
Plate Cur.	35	45	55	55	ma.
Load Res.	4600	4100	3670	4350	ohms
U.P.O.	1.6	2.4	3.4	4.6	watts

Self-bias is advisable in all cases. The resistance in the grid-coupling circuit should not exceed 10000 ohms.

* Grid volts measured from mid-point of a-c operated filament.

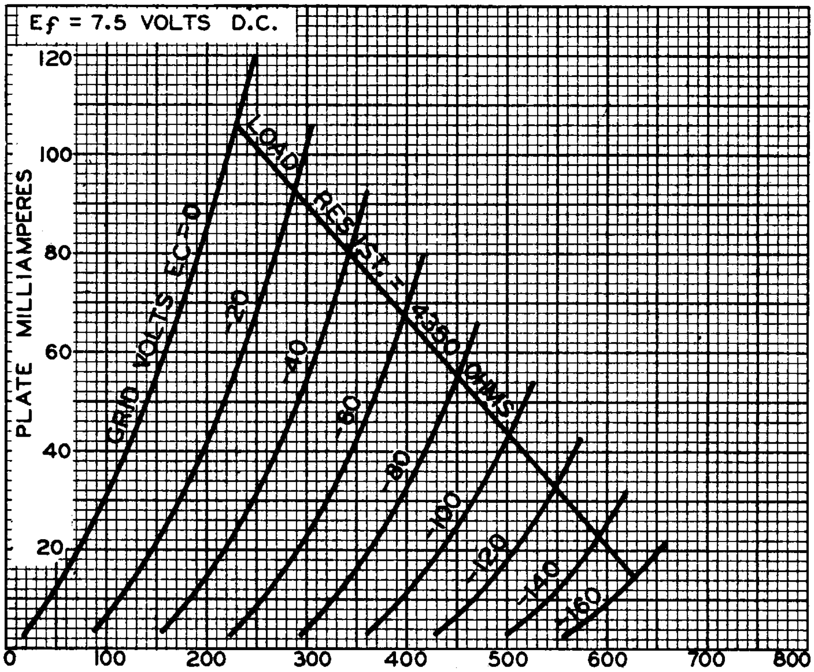


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AVERAGE PLATE CHARACTERISTICS



AVERAGE CHARACTERISTICS

